



**SECRET**

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50X1-HUM

	<u>Vacancies</u>
6. Blast Furnace Production	1
7. Theory of Elasticity (Theory of Resistance in Machine Construction)	1
8. Steam Turbines	1
9. Electric Welding	1
10. Mining (Mechanization of Mining)	1
11. Mining Mechanics (Resistance of Mining Machinery and Installations)	1
12. Use of Gas for Heating	1
13. Automatics of Industrial Processes	1

## III. DEPARTMENT OF AGRICULTURAL SCIENCES

Active Members

1. Plant Studies (Ecology of Agricultural Plants)	1
2. Physiology of Farm Animals	2

Corresponding Members

1. Plant Studies (Agrobiology)	1
2. Plant Studies (Soil Science)	1
3. Animal Husbandry (Physiology of Farm Animals)	1
4. Biochemistry of Farm Animals	1
5. Phytopathology (Diseases of Field and Forest Plants)	1
6. Selection and Genetics	1
7. Agricultural Hydrometeorology	1

## IV. DEPARTMENT OF PHYSICOMATHEMATICAL AND CHEMICAL SCIENCES

Active Members

1. History of Mathematics	1
2. Physics (Experimental)	1
3. Organic Chemistry (Mechanisms of Organic Reactions)	1
4. Petroleum Geology	1

Corresponding Members

1. Theory of Numbers	1
2. Differential Equations	1
3. Geometry	1
4. Astronomy	1
5. Theoretical Physics	1
6. Physics of Metals	1
7. Petroleum Processing	1
8. Organic Synthesis	1
9. Mineralogy	1
10. Petrography	1
11. Paleontology	1
12. Geology of Ore Deposits	1

## V. DEPARTMENT OF BIOLOGICAL SCIENCES

Active Members

1. Normal Physiology	1
2. Biochemistry of Proteins	

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Vacancies

- |                           |   |
|---------------------------|---|
| 3. Pathophysiology        | 2 |
| 4. Comparative Morphology | 1 |

Corresponding Members

- |                      |   |
|----------------------|---|
| 1. Normal Physiology | 2 |
| 2. Ichthyology       | 1 |

In accordance with the charter of the Academy of Sciences Ukrainian SSR, active members may be elected from among those who have shown themselves to be leading scientists, who, by their research and discoveries, have proven themselves contributors to the scientific knowledge of the USSR, and who, by their scientific efforts, have furthered socialist construction in the USSR.

Corresponding members may be elected from among those who, by their scientific efforts, have furthered socialist construction in the USSR.

Scientific organizations, societies, individual scientists, as well as groups of such scientists are authorized to submit letters prior to 25 March 1951, listing the name of the candidate, the title of the position for which he is being proposed, and the name of the organization or persons submitting such name.

All proposals which are submitted to the Presidium, Academy of Sciences Ukrainian SSR, must be submitted in duplicate and must contain the following information: completed questionnaires, photography, biography, education, records, degrees and other awards held, list of the scientific work which has been conducted by the candidate along with critical reviews of such work, where available, and brief statements as to the value of these works in the furtherance of socialist construction in the USSR. It is also important to list separately the most important works of the candidate completed in the past few years.

All letters and documents are to be addressed to the Presidium, Academy of Sciences Ukrainian SSR, No 54 Vladimirskaia, Kiev.

Signed

Academician A. V. Palladin  
President, Academy of Sciences  
Ukrainian SSR

I. T. Shvets, Active Member, and Chief  
Scientific Secretary, Presidium,  
Academy of Sciences Ukrainian SSR

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